UNITED STATES ARMY INSTITUTE OF SURGICAL RESEARCH

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Commander, USAISR

UNITED STATES ARMY INSTITUTE OF SURGICAL RESEARCH

ISR

ISR Entry Plaque

MISSION:

“Optimizing Combat Casualty Care”

A Long History of Research-Clinical Collaboration

Established as Surgical Research Unit at Halloran General Hospital, Staten Island, New York 1943 - 1947

ANTIBIOTICS

Moved to BAMC 1947

Renamed US Army Institute of Surgical Research in 1970

THERMAL INJURY

SRU / USAISR
1947 - 1970

Army Burn Unit
Brooke General Hospital
1949 - 1996

BURN & TRAUMA

U.S. Army Institute of Surgical Research
at Brooke Army Medical Center
1996 to Present

Colonel Basil A. Pruitt, Jr.

Colonel Basil A. Pruitt, Jr.

Commander
US Army
Institute of Surgical Research
1968 - 1996

Commands and Personnel

COMMAND OVERVIEW

★★★ MEDCOM

- CHPPM ★
- 6 RMCs ★
- AMEDDC&S ★★
- USAMRMC ★★
- VETCOM
- DENCOM

USAMRMC Actual Personnel – Dec 2008

MILITARY	CIVILIAN	CONTRACTOR	TOTAL
1008	2,430	2,865	6,303
15.99%	38.55%	45.46%	100.00%

HEADQUARTERS

- USAARL
- USAISR
- USAMRICD
- USAMRIID
- USARIEM
- WRAIR
- USAMMDA
- USAMMA
- USAMMCE
- USAMITC
- USAHFPA
- USAMRAA

Medical Research & Technology

Medical Advanced Development

Medical Logistics

Acquisition

Medical IM/IT

Health Facilities

Contract-ing Support

MRMC Research Focus

Focus on Threats to Soldier Health and Performance

Endemic Disease Threats
- Parasitic Diseases
- Bacterial Diseases
- Viral Diseases

Operational Stressors
- Sleep Deprivation
- Traumatic Stress and Situational Stressors
- Physical Workload
- Cognitive Burden and Operational Complexity

Chemical/Biological WarfareThreats
- Bacterial Threats
- Viral Threats
- Toxin Threats
- Nerve Agents
- Vesicant Agents
- Blood Agents

Combat Injuries
- Hemorrhage
- Tissue Injury and Trauma
- Resuscitation
- Medical Devices
- Clinical Research

Environmental Hazards
- Heat and Cold
- Altitude
- Toxic Industrial Chemicals and Materials

Systems Hazards
- RFR
- Laser
- Blast
- Biomechanical Insults and Stresses

Unique Mission

- Burn Clinical Care
- Burn Flight Team
- Joint Trauma System
- Research

Leadership

BURN CARE

RESEARCH

“Translational Research”

MDs, RNs

CLINICAL

PhDs

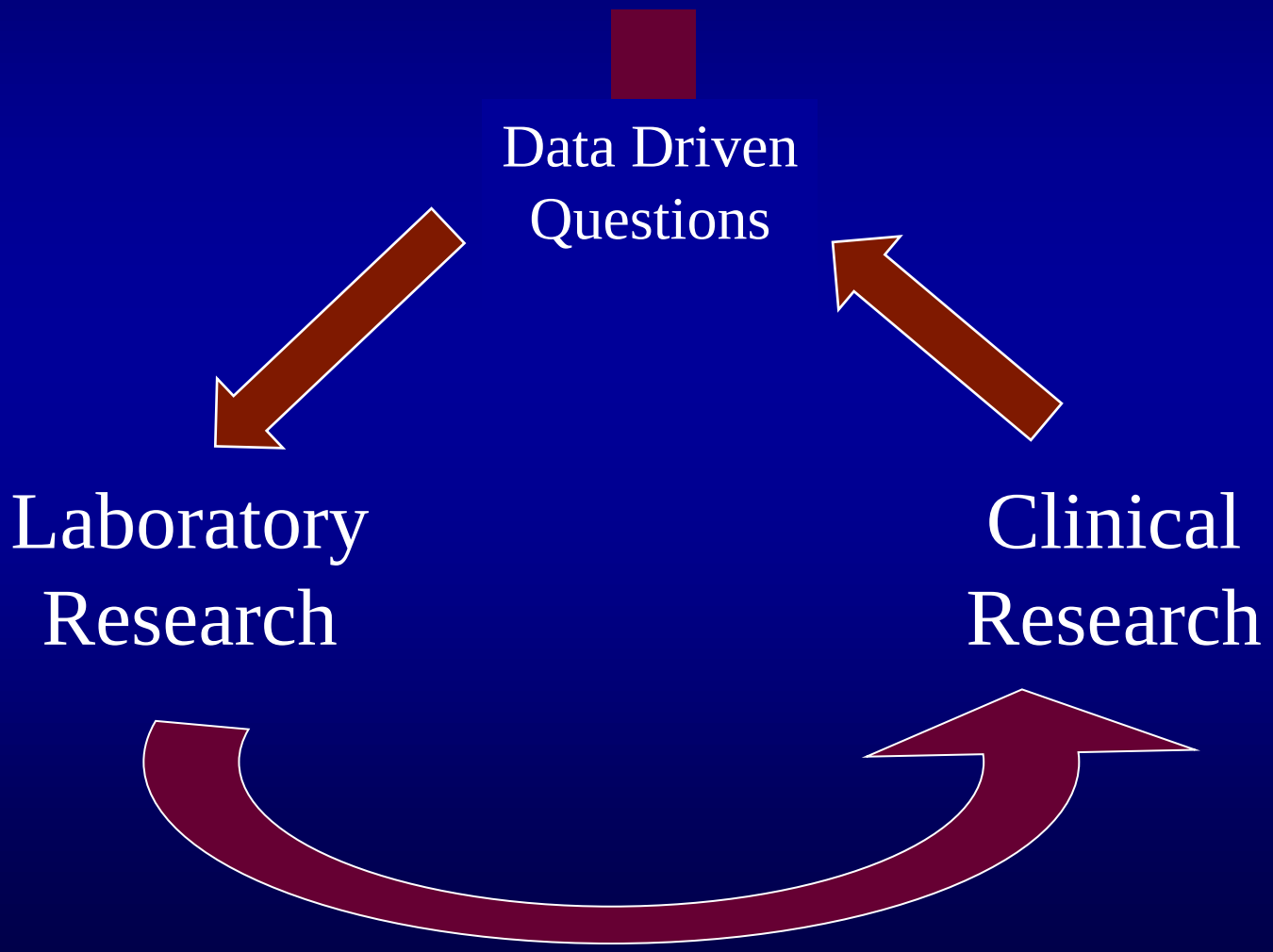
BENCHTOP RESEARCH

BURN CARE

RESEARCH

Research Cycle

Battlefield Medical Problems JTTR



Battlefield Health and Trauma Research Institute

Unique

- DOD's only CONUS Level I trauma center
- DOD's only Burn Center
- CCC Research
- JTS/JTTR
- All Medic training for DOD at Ft Sam Houston